Nutanix Certified Services Core Infrastructure Professional

**Nutanix NCS-Core** 

**Version Demo** 

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An administrator is responsible for the following Nutanix Enterprise Cloud environment:

- A central datacenter with a 20-node cluster with 1.5PB of storage
- Five remote sites each with a 4-node cluster with 200TB storage

The remote sites are connected to the datacenter via 1GB links with an average latency of

6 ms RTT. What is the minimum RPO the administrator can achieve for this environment?

- A. 0 minutes
- B. 15 minutes
- C. 1 hour
- D. 6 hours

#### **ANSWER: B**

#### **Explanation:**

: Ref:https://supportportal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5\_10:wcprotection-domain-wc-c.html

#### **QUESTION NO: 2**

A Nutanix cluster is deployed with the following configuration:

- Three four-nodeblocks (A, B, and C)
- All Flash Redundancy Factor 2

What is the effect of simultaneous disk failures on two nodes located in block A?

- **A.** VMs are migrated off of the nodes with disk failures.
- B. Each node with a failed disk is marked as degraded.
- C. VM read and write operations continue normally.
- **D.** VMs on the nodes with failed disks are unable to write data

#### **ANSWER: C**

#### **Explanation:**

: Ref:https://next.nutanix.com/how-it-works-22/redundancy-factor-vsreplication-factor-37486

#### Dual Disk Failures:

with Replication Factor = 2, we have two copies of each data block. Also, with a 4TB Disk which is only 1TB utilised, we will have 1TB worth of blocks/data across the cluster (shorter rebuild times as we factor in the capacity utilised)- plus with AOS proactive disk alerting, so, unless two disks are pulled at the same time, this can be a very rare occurrence of two drives failing at the same time.

#### **QUESTION NO: 3**

A customer would like to re-image an existing cluster. The Foundation Applet and

Foundation VM is unavailable to them.

How can the consultant access Foundation-as-a-Service (FaaS)?

A. Through: 9443

**B.** Through :8000

**C.** Through :9443

**D.** Through :8000

#### **ANSWER: D**

#### **QUESTION NO: 4**

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the

QoS Policy? (Choose two.)

- A. The VM is missing the required snapshot needed to implement the QoS Policy.
- B. The VM was not created as an AFS virtual machine.
- **C.** The SQL Server VM has volume groups attached.
- **D.** It was cloned from another SQL Server VM that was a member of the QoS Policy.

#### **ANSWER: B C**

#### **Explanation:**

: Ref:https://portal.nutanix.com/page/documents/details?targetId=PrismCentral-Guide-Prism-v5\_18:mul-storage-qos-pc-c.html

#### **QUESTION NO: 5**

Refer to the exhibit.



User 1 and User 2 belong to the AAPM group

What are two descriptions of how Files perform quota management? (Choose two.)

- A. User 2 can continue to add another 3GB file butwill receive a daily notification email.
- B. User 1 can continue to add another 5GB file but will receive a daily notification email.
- **C.** User 1 can add an 8GB file to the share without receiving notification.
- D. User 2 can add an 8GB file without receiving anotification email.

#### **ANSWER: B D**

#### **Explanation:**

: Ref:https://portal.nutanix.com/page/documents/details?targetId=Filesv3\_6:fil-file-server-quotas-c.html#nconcept\_amp\_xsm\_bx

#### **QUESTION NO: 6**

A VM does not have enough resources for the demand, which leads to performance bottlenecks. The VM is exhibiting one or more of following baseline values, based on the past 30 days:

- CPU usage > 90% (moderate), 95% (high)
- CPU ready time > 5%, 10%
- Memory usage > 90%, 95%

Which type of VM is being described?

- A. Constrained VM
- **B.** Bully VM
- C. Inactive VM
- D. Over-provisioned VM

**ANSWER: A** 

#### **QUESTION NO: 7 - (HOTSPOT)**

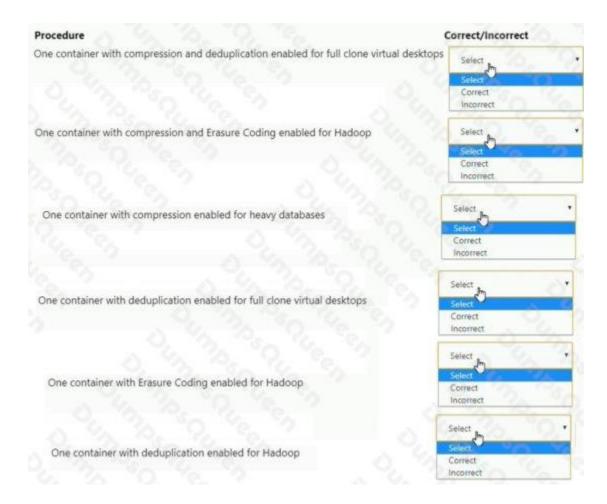
#### HOTSPOT

An administrator is configuring an All Flash cluster to support the following workloads:

- Full clone virtual desktops
- Hadoop
- Write heavy databases

Whichthree correct configuration options should the administrator use to meet the item requirements? (Choose three.)

For each procedure, indicate whether it is a correct or incorrect procedure that must be configured to meet the item requirements using the drop-down option.

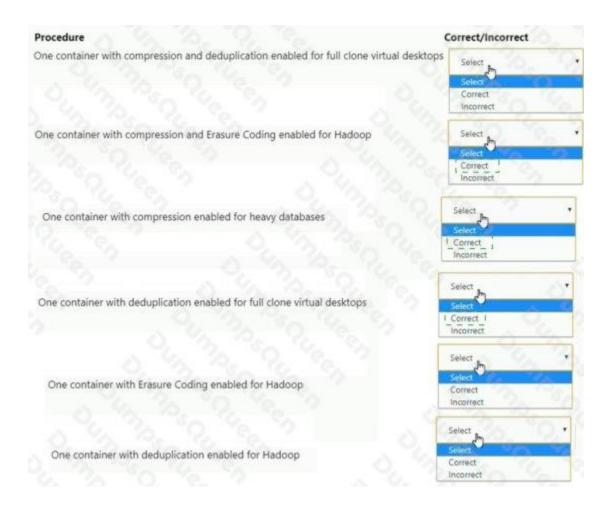


#### **ANSWER:**





### **Explanation:**



#### **QUESTION NO: 8**

After a consultant runs Foundation, the imaging process fails.

In which two locations can the consultant find the logs? (Choose two.)

- A. On the Hypervisor /home/nutanix/foundation/logs
- B. Logs link on the Foundation Imaging Screen
- C. On the Foundation VM /home/nutanix/foundation/logs
- D. On the CVM /home/Nutanix/foundation/logs

#### **ANSWER: B C**

#### **QUESTION NO: 9**

Microsegmentation was recently enabled in a Nutanix environment. The administrator wants to leverage Prism Central to create a policy that will block all traffic, regardless of direction, between two groups of VMs identified by their category.

Which policy should be used to meet this requirement?

- A. A Quarantine Policy
- B. AnIsolation Environment Policy
- C. An Application Security Policy
- **D.** A Whitehst-Based Policy

**ANSWER: B** 

#### **QUESTION NO: 10**

A consultant is setting up a new vSphere cluster. Customer requirements are as follows:

- \* VMs should automatically failover to another host if the host crashes
- \* Host CPU and Memory resources should be evenly balanced
- \* New VMs should be placed on the host with the most resources available

Which two settings should be turned on to meet the requirements? (Choose two.)

- A. vShpere DRS
- B. vSphere HA
- C. vSphere vMotion
- D. vSphere Power Management

**ANSWER: A B**